ABSTRACT OF THE DISCLOSURE

A limb-positioning device is adapted for use in an operating room and is attachable to an operating room table. The limb-positioning device includes a full motion arm, a patient-receiving surgical device and a tension controller. The full motion arm has a plurality of pivotally connected arms with a plurality of joints therebetween. One end of the full motion arm is adapted to be attached to an operating room table. The patient-receiving surgical device is attached to a block joint at the distal end of the full motion arm. There is a tension controller for each joint. Preferably the tension controller concurrently controls the tension in each joint. The patient-receiving surgical device may be a forearm tray, a lower leg tray, a distraction harness or a Chinese finger trap assembly. There is provided a method of using the limb-positioning device. In addition, a patient-receiving surgical device includes a patient-receiving portion and a bar attached thereto. The bar is attachable to a receiving channel on an attachment block that is attached to a ball joint at the distal end of a full motion arm of a limb-positioning device.